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Small, robust, powerful: GT 1020

ORBCOMM presents tracking and monitoring device for extreme conditions

In the construction and mining industry, vehicles and machines are often exposed to very harsh environmental influences. To ensure complete real-time asset tracking and monitoring under these conditions, ORBCOMM developed the GT 1020 to withstand extreme weather and environmental conditions such as dust, water, shock and vibration, ensuring uninterrupted connections and constant operation. Designed specifically for use on heavy equipment, the unit is very compact and can be installed discreetly. Integrated mobile radio and GPS antennas ensure precise positioning of all vehicles at all times. At the same time, the robust workmanship protects against damage and other impairments. With a battery life of up to nine months, the GT 1020 is also extremely energy-efficient. Whether used as a turnkey solution in conjunction with FleetEdge or integrated into third-party software solutions, the powerful powerhouse makes fleet management of heavy equipment and machinery easier, more efficient and more sustainable.

The GT 1020 accesses the LTE wireless network, which allows for maximum tracking and monitoring efficiency thanks to its high transfer rates, so that the large amount of data and information is transmitted to the user as quickly as possible. Equipped with integrated LTE 4G/3G/2G cellular and GPS antennas, the GT-1020 will withstand extreme weather and environmental conditions such as dust, water, shock and vibration for uninterrupted connections and constant operation. In addition, faults can be quickly and easily rectified and sensor connections activated via a Bluetooth interface. Via an optional CAN bus interface, the user has access to extended analyses and diagnoses.

Discreet and powerful

Since theft and manipulation increasingly pose a serious risk, the GT 1020 was deliberately designed in small dimensions. This allows it to be easily mounted on smaller vehicles and machines without attracting much attention. The danger of the device being stolen or sabotaged is thus reduced to a minimum. Safety is also enhanced by the fact that the permanently installed battery can last up to nine months without charging, depending

on the setting. This means that the device rarely has to be connected to an external power source.

The GT 1020 is available in combination with ORBCOMM's FleetEdge fleet management portal. This optimally processes the transmitted data and offers the user a variety of different analysis and adaptation options. Various APIs and integration tools allow integration with proprietary software solutions or third-party applications. Users therefore have a great deal of freedom as to what they want to use their devices for and in what way.

Illustration

ORB_GT_1020_Black.jpg



ORBCOMM GT 1020: Optimally suited for rough use on heavy equipment in the construction and mining industries (Photo: ORBCOMM)

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ORBCOMM inc.

ORBCOMM (Nasdaq: ORBC) is a leading international provider of M2M and IoT (machine-to-machine, Internet of Things) solutions for tracking, remote monitoring and control of stationary and mobile equipment in key markets. Companies worldwide network their resources with ORBCOMM products and services to increase transparency and increase the efficiency of operational processes. The broad range of products includes asset monitoring and control solutions including seamless satellite and mobile communications connections as well as powerful hardware and intelligent applications. Comprehensive end-to-end customer support from installation and implementation through to the maintenance of existing customers completes the comprehensive range of services. ORBCOMM's broad customer base includes companies from the transport and supply chain, warehouse logistics, construction machinery, shipping (marine), oil and gas extraction and government agencies.